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### **AMENDMENTS TO THE CLAIMS**

Claims 9-17 (canceled)

18. (new) A packaging system composed of composite packaging material for the sealed enclosure of a product having active ingredients possibly being volatile and/or ancillary substances, said composite material having a strength, no significant uptake of active ingredients of the product and having no or reduced interactivity with the active ingredients and the ancillary substances of the product, said packaging system comprising:

layers defining a space for holding the product between said layers, said layers including

barrier layers on opposite sides of the space holding the product forming a barrier against volatile active ingredients; and

heat-sealing lacquer layer(s) between said respective opposite barrier layers, said heat-sealing lacquer layers:

extending around the space for holding the product,

being initially in a liquid phase applicable with conventional simple printing machines;

enabling an insignificant uptake of the active ingredient;

having a weight per unit area in the range of between 1 and 15 grams per meter squared ( $\text{g/m}^2$ ); and

establishing adhesive forces after heat activation to form an adhesive layer having an adhesive strength in the region of the strength of the packaging material

wherein the layers on both sides of the space for holding the product comprise opposing sealing area surfaces extending around the space for holding the product, said heat-sealing lacquer layers adhering to said sealing area surfaces.

19. (new) A packaging system according to claim 18 wherein said adhesive-receiving sealing area surfaces are each a partial of the total area capable of receiving said heat-sealing lacquer layer for reducing the area of the required heat-sealing lacquer layer.

20. (new) A packaging system according to claim 18 wherein said heat-sealing lacquer layer is made of a liquid heat-sealing lacquer having the consistency of a printing ink that can be processed with conventional printing machines.

21. (new) A packaging system according to claim 18 wherein said heat-sealing lacquer layer is a liquid that can be applied to said opposing sealing area surfaces in thin layers that can be dried simply without elaborate drying techniques or the melting of a comparatively thick sealing film.

22. (new) A packaging system according to claim 18 wherein said heat-sealing lacquer layer has a weight per unit area in the range of between 2.5 and 3.5 grams per meter squared ( $\text{g/m}^2$ )

23. (new) The packaging system according to claim 18 wherein said heat-sealing lacquer layer comprises a heat-sealing medium composed of a ethylene/methacrylic acid copolymer dispersion having no measurable uptake of the active ingredient, for forming an adhesive melt phase with a comparatively small exposure to heat for a short period of time when

applied in an extremely thin sealing layer, when compared with a heat-sealing medium applied in a relatively thicker sealing layer.

24. (new) The packaging system according to claim 18 wherein said layers comprise a pair of opposing barrier layers having said opposing sealing area surfaces.

25. (new) The packaging system according to claim 18 wherein said barrier layers are composed of aluminum foil.

26. (new) The packaging system according to claim 18 wherein said layers comprise backing layers disposed on opposite sides of said barrier layers distal from the space for holding the product.

27. (new) The packaging system according to claim 18 wherein said opposing sealing surface areas are on the inner surface of said barrier layers adjacent the space for holding the product.

28. (new) The packaging system according to claim 18 wherein said layers comprise flat packaging layers disposed inwardly from said barrier layers proximal the space for the product for interacting with the product.

29. (new) The packaging system according to claim 28 wherein said flat packaging layers are moisture absorbers.

30. (new) The packaging system according to claim 29 wherein said opposing sealing area surfaces are on the inner surfaces of said flat packaging layers adjacent the space for holding the product.

31. (new) A packaging system according to claim 18 wherein the product is a transdermal therapeutic system.

32. (new) A packaging system according to claim 31 wherein said barrier layers form a barrier against nicotine.